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dividing original scrambling sequence with enc   [Search] Advanced Scholar Search

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A chaotic algorithm of image **encryption** based on dispersion sampling
R Henge, S Zherwei, W Yuanzhi. - ... and Instruments, 2007. - ... leeexplore.ieee.org
... **Dividing** the primitive image into 16 parts averagely, well then there are N×N/16 pixel points in
each block. ... **group** of 16 elements in I vector. Do grey (2)Algorithm design The entire process of
encryption are as following : --First, **divide** the **original** image into 16 blocks, (I1,i2 ...
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[CITATION] No bit overhead MPEG video **scrambling** based on event shuffle in frequency domain
G Liu, S Goto, T Baba. - Circuits and Systems, 2004 . - 2005 - leeexplore.ieee.org
... domain **scrambling** changes the characteristic of **original** video data and give adverse impact
to compression efficiency of MPEG tools. ... (1) Shuffling of RLE events in a division of video frame. ...
DESCRAMBLER decoder Fig. 1 Architecture of the proposed **scrambling** system ...
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A selective video **encryption** scheme for MPEG compression standard
G Liu, T Ikenaga, S Goto... - IEICE Transactions on Fundamentals of ... 2006 - IEICE
... 2] utilize the spatially and temporally cor- related nature to compress the video data, spatial domain
scrambling changes the ... C', ele- ments of A' should match with each corresponding el- ements
of L'. Hence, the **dividing** operation means ... times to get the **original** event **sequence**. ...
Cited by 8 - Related articles - All 5 versions

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Efficient frequency domain selective **scrambling** of digital video
W Zeng... - Multimedia, IEEE Transactions on, 2003 - leeexplore.ieee.org
... We **divide** each subband into a number of blocks of equal size ... Block rotation further increases
the difficulty of recovering an **original** frame without the key ... video transmission, the key can also
be updated as time progresses to provide a dynamic key-based **scrambling** system that ...
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Block Sampling Algorithm of Image **Encryption** Based on Chaotic **Scrambling**
R Hong, Z Jian, W Xing-jian ... - Intelligence and Security ..., 2008 - leeexplore.ieee.org
... **Dividing** the plain-image into 16 parts averagely, well then there are N×N/16 pixel points in each
block. ... 3.2 Algorithm design The entire process of **encryption** is as following: --First, **divide** The
original image into 16 blocks, (I1,i2) is the pixel point of the first block., I1=1,2...N/4 ...
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[PDF] Image **Encryption** Algorithm Based on Chaos and Contourlet Transform
A Jiang, J Yu... - computer.org
... At the same time, we **divide** the bands into 88 × non-covered blocks, respectively. ... according to
the key, which is used to create **encryption** template E and **scrambling** **sequence** S. And S is ... effect
is not got, the decrypted images contain a majority of information of **original** image. ...
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Efficient frequency domain video **scrambling** for content access control
W Zeng. - Proceedings of the seventh ACM international ... 1999 - portal.acm.org
... We **divide** each subband into a number of blocks of the same size. ... Block rotation further increases
the difficulty of recovering an **original** frame without the key ... transmission, the key can also be
updated as time progresses to provide a dynamic key-based **scrambling** system that ...
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A multilevel image **encryption** algorithm based on chaos and DNA coding
G Wang, G Zhang ... - Bio-Inspired Computing, 2008... , 2009 - leeexplore.ieee.org
... Step 3: **Divide** the DNA matrix P into four bit-planes, the dimension of each DNA sub-matrix is
m ... Step 9: Decode the **scramble** DNA matrix to binary matrix by using the rule of A = 00, T ... of the
encrypted image is fairly uniform and significantly different from that of the **original** image ...
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A New Chaotic Image **Scrambling** Algorithm Based on Dynamic Twice Interval-Division
L Xiangdong, Z Junxing, Z Jinhai ... - Computer Science and ..., 2008 - leeexplore.ieee.org
... of Computer Science & Technology Dalian Nationalities University Dalian, Liaoning, PR China
liuxd@dlnu.edu.cn ... For example, **divide** [rk, rk+1] to M continuous subintervals by rk 0, rk 1, ...,
rk M, in which ... Denote original image as A[i, J], **scrambling** image as B[i, j]. Let I = 0, J = 0 ...
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Signal coding for secure transmission
GM Drury, AG Mason, NK Lodge. - US Patent ., 1987 - Google Patents
... a television picture, comprising the steps of (a) generating a sampled signal; (b) **dividing** the
sampled ... 4,636,851 10 complete line, said sample signal division being arranged to **divide** one
of said ... a line of a television picture and for reconstruct- ing the **original** signal, comprising ...
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